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PRODUCT INFORMATION NOTIFICATION

PIN: PIN135231

Date: July 26, 2013

Subject: Datasheet changes to 256kb Parallel F-RAM Products.

To: PCN ADMIN
CYPRESS
pcn_adm@cypress.com

Change Type: Minor

Product Information:

This notification is to inform customers about changes to the datasheet parameters in the table below for the Cypress 256kb Parallel F-RAM products. These changes were the result of characterization as part of the Cypress qualification. Revised datasheet is attached with this notification.

Page / Section	Parameters	From	To
7 / DC Operating Conditions	IDD Typ	7mA	5mA
7 / DC Operating Conditions	IDD Max	12mA	8mA
8 / Read Cycle AC Parameters	tAAP	60ns	40ns
8 / Read Cycle AC Parameters	tOE	15ns	20ns
8 / Write Cycle AC Parameters	tPWC	30ns	35ns
8 / Write Cycle AC Parameters	tAHP	15ns	20ns

Part Numbers Affected

Affected Parts: 6

Item	Marketing Part Number
1	FM28V020-SG
2	FM28V020-SGTR
3	FM28V020-T28G
4	FM28V020-T28GTR
5	FM28V020-TG
6	FM28V020-TGTR

Customer Part Numbers Affected:

Affected Parts: N/A

Qualification Status:

The devices are qualified through a series of tests identified in the Qualification Test Plan (QTP) #130804. The QTP report can be found in the attachment to this notification or by visiting www.cypress.com.

Approximate Implementation Date:

Revised datasheets can be found in the attachment to this notification and are also available on www.cypress.com. Please visit the corresponding product page to download the latest copy.

Anticipated Impact:

None. There is no change to the product. Products manufactured with revised datasheet parameters are completely compatible with existing product from a functional, parametric, and quality performance perspective.

Cypress also recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application.

Method of Identification:

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

Response Required:

This is an information only announcement. No response is required

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration